

In the Claims:

Kindly amend the claims as follows:

1. (currently amended) A wood treatment kit for imparting a pre-determined color to a solid wood substrate, comprising:

(a) an aqueous first wood treatment solution of a first component consisting of a mineral salt and water as a first application on the solid wood substrate, and

(b) a second component comprising an aqueous second wood treatment solution of a peroxide ~~as~~ for a second sequentially subsequent application on the solid wood substrate,

effective amounts of the mineral salt in the first wood treatment solution and peroxide in the second wood treatment solution, treatment with the first and second solutions occurring as sequential first and second applications sequentially on the wood substrate ~~and~~ for forming a colored layer on the wood substrate ~~formed~~ by the sequential applications reacting with each other in the ~~presence of the~~ wood substrate and thereby imparting the color to the wood substrate.

2. (currently amended) Treating and coloring a wood substrate with the wood treatment kit of claim 30 comprising the steps of:

(a) contacting the wood substrate with the first wood treatment component aqueous solution preparation comprising the oxidizable metal salt, and allowing an effective amount of the first component aqueous solution preparation to

penetrate the wood substrate, and sequentially ~~but without~~  
~~regard to order~~ secondly,

(b) contacting the wood substrate with the second wood treatment component aqueous solution preparation comprising an oxygen source, and allowing an effective amount of the second wood treatment component aqueous solution preparation to penetrate the wood substrate,

(c) reacting in situ within the wood substrate the first and the second wood treatment component aqueous solution preparations with each other in contact with the wood substrate, and

(d) imparting a stable color change to the wood substrate.

3. (currently amended) The wood treatment kit of claim 30, wherein the oxygen source is a peroxide and both of the first and second wood treatment preparations consisting essentially of aqueous solutions.

4. (currently amended) The wood treatment kit of claim 30, wherein the metal salt is selected from the group consisting of salts of iron, silver, zinc, cerium, copper, magnesium, molybdenum, nickel, tin, chromium, aluminum, barium, calcium, sodium, potassium, and titanium, and combinations thereof.

5. (currently amended) The wood treatment kit of claim 30, wherein the metal salt is selected from the group consisting of salts of aluminum, antimony, beryllium, bismuth, cadmium, chromium, cobalt, copper, gold, iridium, lead, magnesium, manganese, mercury, molybdenum, nickel, niobium, osmium,

platinum, plutonium, potassium, rhodium, selenium, silicon, silver, sodium, tantalum, thorium, tin, titanium, tungsten, uranium, vanadium, and zinc, and combinations thereof.

6. (currently amended) The wood treatment kit of claim 30, wherein the metal salt is selected from the group consisting of sulfates, chlorides, perchlorates, acetates, nitrates, permanganates, thiosulfates, and oxides, and combinations thereof.

7. (currently amended) The wood treatment kit of claim 30, wherein the metal salt is selected from the group consisting of silver sulfate, silver perchlorate, silver nitrate, iron (II) chloride, zinc perchlorate, iron (II) perchlorate, iron (II) sulfate, copper acetate, sodium thiosulfate, magnesium thiosulfate, potassium thiosulfate, potassium nitrate, potassium permanganate, copper nitrate, copper II carbonate dihydroxide, copper sulfate, titanium III sulfate, magnesium nitrate, cerium (III) perchlorate, and cerium nitrate, and combinations thereof.

8. (currently amended) The wood treatment kit of claim 30, wherein the metal salt is selected from the group consisting of molybdenum (VI) oxide, zinc sulfate, copper (II) chloride, nickel perchlorate, nickel sulfate, copper (II) perchlorate, tin (II) sulfate, tin (I) chloride, chromium (III) sulfate, aluminum sulfate, cerium (III) perchlorate, zinc perchlorate, titanium hydride, chromium (III) perchlorate, manganese (II) chloride, aluminum chloride, titanium (IV) chloride, silver chloride, and titanium (II) sulfate, and combinations thereof.

9. (currently amended) The wood treatment kit of claim 30, wherein the oxygen source is a peroxide.

10. (currently amended) The wood treatment kit of claim 30, wherein the oxygen source is selected from the group consisting of hydrogen peroxide, sodium peroxide, zinc peroxide, calcium peroxide, barium peroxide, and lithium peroxide, and combinations thereof.

20. (previously amended) The method of claim 2, further comprising the step of drying the substrate between the two contacting steps.

21. (previously amended) The treating of claim 2, wherein the aqueous solutions are applied between the freezing point and boiling point of the solutions under the process conditions of the method.

22. (previously amended) The treating of claim 2, further comprising a sealing coat over a substrate surface.

30. (currently amended) A wood treatment kit for coloring a wood substrate, comprising

(a) a first wood treatment component aqueous solution of oxidizable metal salt preparation for a first application to the wood substrate, and

(b) a second wood treatment component aqueous solution of oxygen source preparation for a second sequential application to the wood substrate,

the first and second wood treatment component aqueous solution preparations being adapted to sequentially in order, the

first and then the second, penetrate the wood substrate when sequentially applied, and both aqueous solution preparations when applied sequentially in effective amounts, being adapted to react with each other within the wood substrate to impart physical color characteristic to the wood substrate.

31. (currently amended) The wood treatment kit of claim 30, wherein the metal salt preparation for the first wood treatment and/or the oxygen source for the second, sequential wood treatment preparation further comprises an additive selected from the group consisting of thickener, emulsifier, coloring agent, pigment, dye, bleach, sealer, finishing agent, tint, acrylic finish, latex finish, polyurethane, alcohol, gelling agent, tableting agent, surfactant, buffer, citric acid, tannic acid, acetic acid, other acid, color, salt, stabilizer, antimicrobial, antifungal, insecticide, insect repellent, ultraviolet protectant, and fire retardant, and combinations for treatment of the wood substrate.

32. (currently amended) The wood treatment kit of claim 30, wherein the metal salt preparation is an aqueous solution comprising between about 0.001% and about 20% (w/v) metal salt for the first treatment of the wood substrate.

33. (currently amended) The wood treatment kit of claim 30, wherein the oxygen source preparation is an aqueous solution comprising between about 0.1% and about 50% (w/v) peroxide for the second sequential treatment of the wood substrate.

34. (currently amended) The wood treatment kit of claim 30, wherein the metal salt preparation is an aqueous solution comprising between about 0.025 % and about 8% (w/v) metal salt for the first treatment of the wood substrate.

35. (currently amended) The wood treatment kit of claim 30, wherein the oxygen source preparation is an aqueous solution comprising between about 0.3% and about 15% peroxide for the second sequential treatment of the wood substrate.

36. (currently amended) The wood substrate kit of claim 30, wherein the first and second wood treatment preparations are concentrates suitable for dilution by a user.

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